

SPECIFICATION

Please add the following paragraph prior to the Background of the Invention:

This is a divisional of Application Serial No. 09/252,008, file February 16, 1999, now U.S. Patent No. 6,404,321.

1-11. (cancelled)

21. (new) A communication device comprising:

a radiotelephone having a first supply voltage and one or more data circuits;

a modem circuit having a second supply voltage and one or more logic circuits;

an interface node and at least one data communication node electrically connecting said radiotelephone to said modem circuit, said interface node connected to said second supply voltage;

an interface circuit in said radiotelephone operative to provide said first supply voltage to said interface node if said second supply voltage does not exceed said first supply voltage; and

wherein said data circuits are operative to exchange digital data with said logic circuits on said at least one data communication node with the positive voltage level of said interface node.

22. (new) The device of claim 21 wherein the voltage level of said interface node is the greater of said first and second supply voltages.

12. (currently amended) The communication device of claim 11 21 wherein the radiotelephone further includes first operating circuitry operable at a said first operating supply voltage and the modem circuit further includes second operating circuitry operable at the second device supply voltage, the second device supply voltage differing from the first operating supply voltage.

13. (currently amended) The communication device of claim 11 21 wherein the one or more data circuits are configured to convert voltage levels for communication with the one or more logic circuits to the voltage levels for communication with the first operating circuitry of the interface node.

14. (currently amended) A radiotelephone comprising:
 - radio circuitry for radio frequency communication with a remote radio device;
 - a controller coupled to the radio circuitry for controlling operation of the radiotelephone;
 - an interface node for electrically connecting said radiotelephone to the supply voltage of a detachable modem circuit;
 - a data circuit for communicating digital data with the the detachable modem circuit, the data circuit being responsive to a the supply voltage on an the interface node for providing output digital signals to the modem circuit and receiving input digital signals from the modem circuit, the input digital signals and the output digital signals at voltage levels suitable for communication with the modem circuit; and
 - an interface circuit coupled to the interface node, the interface circuit configured to provide the a supply voltage to match the output digital signals to logic voltages used by logic circuits of the modem circuit.
15. (original) The radiotelephone of claim 14 wherein the interface circuit is configured to provide the supply voltage to the interface node unless the modem circuit supplies a larger voltage to the interface node.
16. (original) The radiotelephone of claim 15 wherein the interface circuit comprises a voltage regulator having an output coupled to the interface node and configured to provide a regulated voltage to the output node as the supply voltage.
17. (original) The radiotelephone of claim 16 wherein the voltage regulator is configured to tolerate an over-voltage condition at the output.

18. (original) The radiotelephone of claim 17 wherein the voltage regulator comprises an output transistor coupled to the output, the output transistor being substantially turned off in response to the over-voltage condition.

19-20. (cancelled)